

RESUME FOR SURYANSH KUMAR

Assistant Professor of Visual Computing and Computational Media, TAMU

EDUCATION

Ph.D. in Engineering and Computer Science, Australian National University (ANU), Dec. 2019.

Advisor: Yuchao Dai, Hongdong Li, Richard Hartley (FRS)

M.S. Computer Science and Engineering, IIT-H, July 2013.

Advisor: K Madhava Krishna

ACADEMIC POSITIONS HELD

Assistant Professor, Texas A&M University, College Station (since 2023)

Professorship (Computer Vision), ETH Zurich (2019-2023), Appointed by: Luc Van Gool

Visiting Scientist, INRIA Grenoble (2013-2014), Appointed by: Christian Laugier

Research Assistant, Robotics Research Center (2011-2013), Appointed by: K Madhava Krishna

STUDENTS AND POSTDOCS ADVISED

Currently primary advisor of 1 postdoc and 1 Ph.D. student

Alumni: Former Ph.D. students (2) and M.S. Students (22) joined Apple, Google, Oracle, Bosch, ETH Zurich, University of Oxford, TUM, UIUC, NASA, and others.

TEACHING (SELECTED)

VIST172 – Foundations of Visual Computing (Fall, since 2024)

VIZA689– Generative AI for Art and Content Creation (Spring, since 2024)

ACADEMIC HONORS AND RECOGNITIONS (SELECTED)

Texas A&M Institute for Data Science Course Development Awardee 2024

Google Focused Research Award Grant 2019

Invited Talks at: CVPR 2019, Samsung Research America, Warren Grundfest Lecture, Google Zurich

J.G. Crawford Nomination for Best Interdisciplinary Ph.D. Thesis, Australian National University 2019

Best Algorithm Award from Disney Research, IEEE CVPR 2017

Higher Degree Merit Scholarship Student, ANU, Funded by: Australian Research Council 2015

PROFESSIONAL SERVICES (SELECTED)

MEMBER, IEEE Computer Society (2025-)

MEMBER, IEEE (2018-)

REVIEWER for Conference on Computer Vision and Pattern Recognition (frequent)

REVIEWER for European Conference on Computer Vision (frequent)

REVIEWER for the International Conference on Machine Learning (ICML) 2024-2025

REVIEWER for the Neural Information Processing Systems (NeurIPS) 2023-2025

REVIEWER for the International Conference on Learning Representations (ICLR) 2023-2026

Program Committee Member AAAI 2025

REVIEWER for the Robotics and Automation Letter (frequent)

REVIEWER for the Pattern Recognition (frequent)

PUBLICATIONS

Bibliographic indicators (Google Scholar Nov. 2025). Citations: 1304, h-index: 21.

More than 30 publications at top conferences and journals *c.f.*, [publications](#)